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شبكة المعلومات الجامعية

بسم الله الرحمن الرحيم



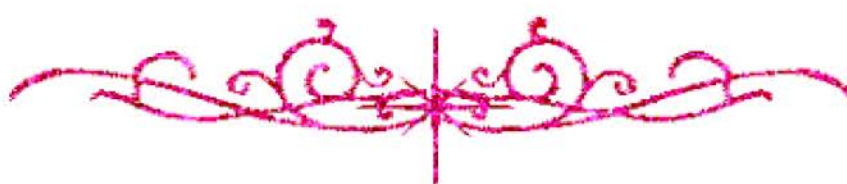
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شبكة المعلومات الجامعية



شبكة المعلومات الجامعية التوثيق الالكتروني والميكرو فيلم



سامية محمد مصطفى



شبكة المعلومات الجامعية

جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

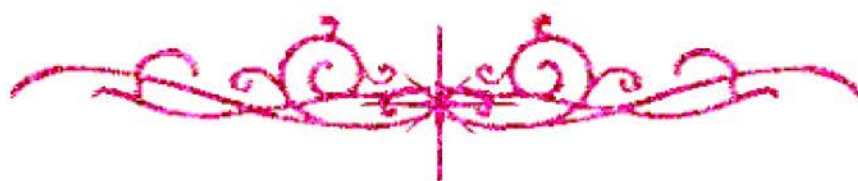
قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأقراص المدمجة قد أعدت دون أية تغيرات



يجب أن

تحفظ هذه الأقراص المدمجة بعيدا عن الغبار



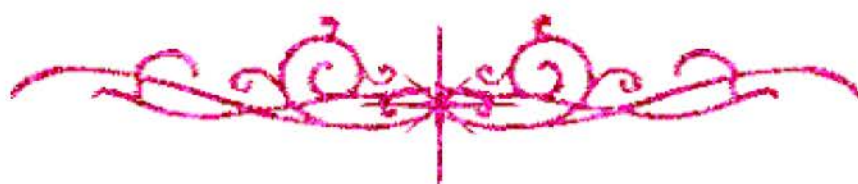
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بعض الوثائق الأصلية تالفة



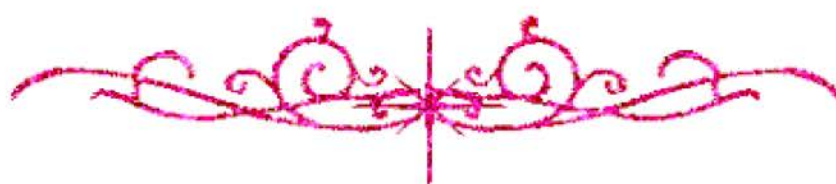
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بالرسالة صفحات
لم ترد بالأصل



**EFFECT OF SOME VASOACTIVE AGENTS
ON VASCULAR REACTIVITY OF
ISOLATED PORTO-MESENTERIC VEIN IN
LIVER CIRRHOTIC RATS**

THESIS

SUBMITTED FOR PARTIAL FULFILMENT OF M.D.
DEGREE IN CLINICAL PHARMACOLOGY

BY

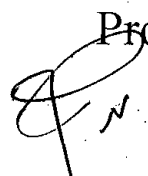
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بِسْمِ اللَّهِ الرَّحْمَنِ الرَّحِيمِ

قَالُوا سُبْحَنَكَ لَا عِلْمَ لَنَا إِلَّا مَا عَلَّمْتَنَا

إِنَّكَ أَنْتَ الْعَلِيمُ الْحَكِيمُ

صَدَقَ اللَّهُ الْعَظِيمُ

(سورة البقرة / الآية ٣٢)

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List of Abbreviations

ACEIs	Angiotensin Converting Enzyme Inhibitors.
ATP	Adenosine triphosphate.
CCl ₃	Carbon trichloride.
CCl ₄	Carbon tetrachloride.
cGMP	Cyclic guanosine monophosphate.
COX	Cyclooxygenase.
DNA	Desoxynucleic acid.
HPLC	High Performance Liquid Chromatography.
5-HT	5-Hydroxy Tryptamine.
ISDN	Isosorbide dinitrate.
M	Molar.
mM	milli Mole.
MPV	Porto-Mesenteric vein.
NE	Norepinephrine.
NO	Nitric oxide.
NTG	Nitroglycerine.
PG	Prostaglandin.
PVL	Portal vein Ligation.
RNA	Ribonucleic acid.

